

**FY 2004 DoD Infrastructure Support Program for Historically Black Colleges and Universities and Minority Institutions
AWARD RECIPIENTS**

| Institution | State | Principal Investigator | Prop. Title | AWD TYPE |
|---|--------------|-------------------------------------|--|-----------------|
| California State University - Los Angeles | CA | Dr. Hrushikesh Mhaskar | Neural and Quantum Computation for the Representation of Functions on Manifolds | R |
| Clark Atlanta University | GA | Dr. Yi Pang | Molecularly Engineered Chromophores of pi-Conjugated Polymers | R |
| CUNY - Herbert H. Lehman College | NY | Professor Zong-Guo Xia | Instrumentation for Enhancing Instructional and Research Programs in Geographic Information Science at a Postsecondary Minority and Hispanic Serving Institution | I |
| CUNY - City College of the City University of New York City | NY | Professor John Lee | Upgrade of the Electron Microscopy Facilities | I |
| CUNY - City College of the City University of New York City | NY | Professor Yiannis Andreopoulos | New Concepts of Micro Actuators for Flight Control Systems | R |
| CUNY - City College of the City University of New York City | NY | Dr. Mary J. Potasek | Investigation of Highly Nonlinear Materials with Applications in Optical Limiting | R |
| Elizabeth City State University | NC | Dr. Roberto Frontera-Suau | DoD Biodegradation Instrumentation Improvement at ECSU | I |
| Fayetteville State University | NC | Assoc. Professor Alexander Umantsev | Nanolayers and Nanoparticles of Solid Solutions: Theory and Computer Simulation | R |
| Fisk University | TN | Professor Arnold Burger | Development of Advanced Nonlinear Optical Materials Based on Chalcopyrite Crystals for Infrared Light Sources | R |
| Fisk University | TN | Professor Warren E. Collins | Instruments for Research and Student Training | I |
| Florida A&M University | FL | Dr. Mandip S. Sachdeva | Studies on skin irritation and immune suppression of selected chemicals of JP-8 in rats | R |
| Fort Valley State University | GA | Dr. Sanjeev Arora | Computer-Based Instrumentation Laboratory for Undergraduate Science and Math Programs | I |
| Hampton University | VA | Asst. Professor JaeTae Seo | Laser Spectroscopy System for Visible and Infrared Optical Power Limiting | I |
| Hampton University | VA | Dr. Uwe Hommerich | Rare Earth doped Bromides for Eye-safe Infrared Solid-State Laser Applications | R |
| Jackson State University | MS | Professor Huey-Min Hwang | Treatment of Polycyclic Aromatic Hydrocarbons or Trinitrotoluene-Contaminated Waters and Soils with Immobilized Enzymes and Photosensitizers | R |
| North Carolina A&T State University | NC | Professor Yong Song | Biologically-inspired Adaptive and Reconfigurable Control of Unmanned Ground Vehicles | R |
| Polytechnic University of Puerto Rico | PR | Dr. Alfredo Cruz | Instrumentation to Support High Performance Computing Research | I |
| San Francisco State University | CA | Dr. Zhigang Chen | Equipment for Nonlinear Optics and Photonics Research | I |
| University of Hawaii - Manoa | HI | Dr. Thomas Hemscheidt | Acquisition of and Electrospray Mass Spectrometer | I |
| University of Houston | TX | Assoc. Professor Yi-Chao Chin | Fabrication and Modeling of Porous NiTi Shape Memory Alloys | R |
| University of New Mexico | NM | Professor Diana Huffaker | Coupled Ferromagnetic and Quantum Dots for Spin-Based Memory Devices | R |
| University of Puerto Rico - Arecibo | PR | Professor Ana M. Garcia | Implementing Environmental Sciences & Engineering Laboratory | I |
| University of Texas - Brownsville | TX | Dr. Natalie V. Guevara | Incorporation of Laser Optics & Scanning Probe Microscopy In Undergraduate Labs | I |
| University of Texas - Pan American | TX | Dr. Karen Lozano | Equipment Acquisition for the Nanoreinforced Polymer Laboratory | I |
| University of Texas - San Antonio | TX | Asst. Professor David M. Johnson | Fundamentals of Radical Copolymerization: Do Penultimate Units Exert and Electronic Effect on Propagation Kinetics? | R |